

# IRON COUNTY SOLID WASTE

PO BOX 743 • 3127 N. IRON SPRINGS ROAD • CEDAR CITY, UT 84721-0743 • OFFICE 435-865-7015 • FAX 435-586-5192

**RECEIVED**

**FEB 23 2009**

**UTAH DIVISION OF  
SOLID & HAZARDOUS WASTE  
2009.00650**

February 18<sup>th</sup>, 2008

Dennis Downs, Director  
Utah Division of Solid and Hazardous Waste  
P.O. Box 144880  
Salt Lake City, Utah 84114-4880

Enclosed you will find the year end reports for the following landfills.

Iron County Municipal Landfill, Iron Springs  
Iron County Class VI B Construction and Demolition Landfill, Parowan.

The final cover design for the Iron County landfills has been addressed in the current re-permit documents that have been approved, there has been no changes made to the final cover designs of the Iron Springs Landfill or the Parowan Class VIb landfill. The final closure amounts and post closure amounts were increased by 3% for inflation in the 2007 yearend report, this should be sufficient since all work will be done by county forces and the Iron County Engineering Dept. The closure fund yearly budgeted amount is \$81,000.00 a year and is on deposit with State Bank of Southern Utah, Surplus budget funds carried over at the end of each year are also deposited into the account. The current account balance is \$2,130,227.14 all questions concerning the financial assurance needs to be obtained by contacting Gene Adams, Iron County Auditor at 435-477-8331.

The Iron County Solid Waste department conducted its own safety trainings since none were available through the local SWANA chapter in 2008, they were done in the monthly safety trainings and covered a wide range of topics

Methane gas is checked for quarterly and to date none has been detected.

A separate Asbestos Disposal Area has been permitted through the Utah Air Quality Division; to date 140.13 Tons has been disposed of in this area. Inspections have been conducted by Air Quality staff and everything was good. A copy of inspections is included.

The ground water statistics report is being prepared by Klienfelder Inc and it will be submitted when they have completed it.

A handwritten signature in cursive script, reading "Kenneth Alan Wade". The signature is written in black ink and is positioned above the printed name and title.

Kenneth Alan Wade  
Iron County Solid Waste Supervisor

## SOLID WASTE LANDFILL ANNUAL REPORT

For Calendar year 2008 or most recent fiscal year

### Administrative Information (Please enter all the information requested below - type or print legibly)

Facility Name: Iron County Municipal Landfill

Facility Mailing Address: P.O. Box 743

(Number & Street, Box and/or Route)

City: Cedar City, Utah Zip Code: 84720

County: Iron

#### Owner

Name: Iron County Phone No.: (435) 865-7015

Mailing Address: P.O. Box 743

(Number & Street, Box and/or Route)

City: Cedar City State: Utah Zip Code: 84720

Contact's Name: Kenneth A Wade Title: Supervisor/Manager

Contact's Mailing Address: P.O. Box 743 Cedar City, Utah 84720

Phone No.: (435) 865-7015 Contact's Email Address: ironco@netutah.com

#### Operator (Complete this section only if the operator is not an employee of the Owner shown above)

Name: Kenneth A Wade Phone No.: (435) 865-7015

Mailing Address: P.O. Box 743

(Number & Street, Box and/or Route)

City: Cedar City State: Utah Zip Code: 84720

Contact's Name: Kenneth A Wade Title: Supervisor/Manager

Contact's Mailing Address: P.O. Box 743 Cedar City, Utah 84720

Phone No.: (435) 865-7015 Contact's Email Address: ironco@netutah.com

### Facility Type and Status

☒ Class I

☐ Class II

☐ Class IIIa

☐ Class IIIb

☐ Class IVa

☒ Class IVb

☐ Class V

☐ Class VI

C/D cell not operated under a separate permit number.

Yes ☐ No ☒

If facility was permanently closed during the year enter date closed: \_\_\_\_\_

### Annual Disposal

Total tons received at facility for disposal:					
Waste Type	Waste Origin		Total	Measurement	
	In-State	Out-of-State		Tons	Cubic Yards
Municipal	<u>41,199.43 Tons</u>	_____	<u>41,199.43</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Industrial	_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
C/D <sup>1</sup>	<u>10,897.84 Tons</u>	_____	<u>10,897.84</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<sup>1</sup>C/D waste includes all waste going to a Class IV or VI landfill cell

**Conversion Factor Used**

X No conversion factors used

☐ Conversion factor from rules (R315-302-2(4)(c)) used

☐ Site specific conversion used Please list: \_\_\_\_\_

**Recycling**

Material Recycled: 294.16 Metal 432.21 Mulch Tons/Cubic Yds.

(Material recycled should not be included in disposed tons reported. Report compost on separate form. Circle tons or yards)

**Utah Disposal Fee**

Disposal Fee Required to be Paid to State Yes ☐ No ☐

Fee Paid	Municipal	\$ <u>\$3850.00</u>	C/D	\$ _____
	Industrial	\$ _____	Annual	\$ _____

**Landfill Capacity**

Current Landfill Remaining Capacity

Tons: \_\_\_\_\_

Years: 25

Cubic Yards: \_\_\_\_\_

Acres: \_\_\_\_\_

**Financial Assurance**

Current Closure Cost Estimate: \$2,119,415.00

Current Post-Closure Cost Estimate: \$1,013,839.00

Current Amount or Balance in Mechanism: \$2,130,227.14

(If balance does not equal or exceed total for closure and post-closure care please contact the Division)

Current Financial Assurance Mechanism: Local Government Test

(ie. Bond, Trust Fund, Corporate or government Test etc.)

Mechanism Holder and Account Number: State Bank of Souther Utah

(ie. Name of Bond Company, Bank etc. Account number)

**Financial Assurance:** Each facility must recalculate the cost of closure and post-closure care to account for inflation and design changes each year. The inflation factor can be found on the Division web page. Facilities that are using a trust account should include a copy of the most recent account statement.

**Note** Facilities using "Local Government Financial Test" or the "Corporate Financial Test" must provide the information required in R315-309-8(4) or R315-309-9(3) each year.

**Other Required Reports**

Ground Water Monitoring: Class I and V landfills only. Check if exempt ☐

Explosive Gas Monitoring: Class I, II and V landfills only. Check if exempt ☐

Training Report: A report of all training programs or procedures completed by facility personnel during the year.

Signature: Kenneth A Wade

Date: 2-18-2009

Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Print name: Kenneth A Wade

Title: Supervisor

2-17-2009 2:31 PM

## D E T A I L L I S T I N G

PAGE: 1

FUND : 57 -SOLID WASTE LANDFILL

PERIOD TO USE: Jan-2008 THRU Dec-2008

DEPT : N/A

ACCOUNTS: 2621-000-000 THRU 2621-000-000

POST DATE TRAN # REFERENCE PACKET=====DESCRIPTION===== VEND INV/JE # NOTE =====AMOUNT=====BALANCE=====

2621-000-000 LANDFILL CLOSURE RESERVE

B E G I N N I N G B A L A N C E

2,032,434.95CR

1/31/08	2/21	B02943	00658 Interest Earned	JE# 000757	3,991.31CR	2,036,426.26CR
			===== JANUARY ACTIVITY DB:	0.00 CR: 3,991.31CR	3,991.31CR	
2/29/08	3/20	B03108	00687 Interest Earned	JE# 000810	3,499.25CR	2,039,925.51CR
			===== FEBRUARY ACTIVITY DB:	0.00 CR: 3,499.25CR	3,499.25CR	
3/31/08	4/29	B03293	Interest000003 00714 Interest Earned	JE# 000852	3,340.26CR	2,043,265.77CR
			===== MARCH ACTIVITY DB:	0.00 CR: 3,340.26CR	3,340.26CR	
4/30/08	5/29	B03450	00742 Interest Earned	JE# 000892	2,258.84CR	2,045,524.61CR
			===== APRIL ACTIVITY DB:	0.00 CR: 2,258.84CR	2,258.84CR	
5/30/08	7/01	B03663	00768 Interest Earned	JE# 000918	1,793.92CR	2,047,318.53CR
			===== MAY ACTIVITY DB:	0.00 CR: 1,793.92CR	1,793.92CR	
6/30/08	7/16	B03732	00797 Interest Earned	JE# 000956	1,908.61CR	2,049,227.14CR
			===== JUNE ACTIVITY DB:	0.00 CR: 1,908.61CR	1,908.61CR	
12/31/08	1/14	B04704	J1172 00961 TRANS TO LANDFILL CLOSURE	JE# 001172	81,000.00CR	2,130,227.14CR
			===== DECEMBER ACTIVITY DB:	0.00 CR: 81,000.00CR	81,000.00CR	
			===== ACCOUNT TOTAL DB:	0.00 CR: 97,792.19CR		

000 ERRORS IN THIS REPORT!

** REPORT TOTALS **	---	DEBITS ---	---	CREDITS ---
BEGINNING BALANCES:		0.00		2,032,434.95CR
REPORTED ACTIVITY:		0.00		97,792.19CR
ENDING BALANCES:		0.00		2,130,227.14CR

IRON COUNTY LANDFILL  
QUARTERLY METHANE MONITORING REPORT

NAME: Alan W. [unclear]

DATE 2-13-08

WAS THE PHOTOIONIZATION DETECTOR (PID) CALIBRATED BEFORE USE?  
YES \_\_\_\_\_ NO \_\_\_\_\_

LOCATION	PID READING	UNITS
FRONT GATE	<u>0</u>	
NORTH END OF PIT	<u>0</u>	
CENTER OF PIT	<u>0</u>	
SOUTH END OF PIT	<u>0</u>	

COMMENTS/ACTIONS TAKEN:

No Methane Detected.

**IRON COUNTY LANDFILL  
QUARTERLY METHANE MONITORING REPORT**

NAME: Ala Weeli DATE 4-23-08

WAS THE PHOTOIONIZATION DETECTOR (PID) CALIBRATED BEFORE USE?  
YES \_\_\_\_\_ NO \_\_\_\_\_

LOCATION	PID READING	UNITS
FRONT GATE	<u>0</u>	
NORTH END OF PIT	<u>0</u>	
CENTER OF PIT	<u>0</u>	
SOUTH END OF PIT	<u>0</u>	

COMMENTS/ACTIONS TAKEN:

No Methane Detected

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

IRON COUNTY LANDFILL  
QUARTERLY METHANE MONITORING REPORT

NAME: Ch. Webb

DATE 7-17-08

WAS THE PHOTOIONIZATION DETECTOR (PID) CALIBRATED BEFORE USE?

YES \_\_\_\_\_ NO \_\_\_\_\_

LOCATION	PID READING	UNITS
FRONT GATE	0	
NORTH END OF PIT	0	
CENTER OF PIT	0	
SOUTH END OF PIT	0	

COMMENTS/ACTIONS TAKEN:

No Methane Detected

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

IRON COUNTY LANDFILL  
QUARTERLY METHANE MONITORING REPORT

NAME: Alan Wash

DATE 11-21-08

WAS THE PHOTOIONIZATION DETECTOR (PID) CALIBRATED BEFORE USE?  
YES \_\_\_\_\_ NO \_\_\_\_\_

LOCATION	PID READING	UNITS
FRONT GATE	<u>0</u>	
NORTH END OF PIT	<u>0</u>	
CENTER OF PIT	<u>0</u>	
SOUTH END OF PIT	<u>0</u>	

COMMENTS/ACTIONS TAKEN:

No methane

IRON COUNTY LANDFILL  
INSPECTION FORM

PERFORMED BY:

Alan Wach

DATE:

11-21-08

OVERALL CONDITION

SATISFACTORY

NEEDS WORK

1. STRUCTURES AND ROADS  
1. BUILDINGS

New Shop

2. FENCES

OK

3. GATES

OK

4. ROADS

OK

SPECIFY RECOMMENDED REPAIRS AND/OR LIST ACTIONS TAKEN:

2. OPERATIONS

1. LITTER AND WEED

OK

2. EXCAVATIONS

OK

3. DAILY COVER

OK

4. FINAL COVER

N/A

5. SEGREGATED WASTE

A. SCRAP METAL

OK

B. APPLIANCES

OK

C. DEAD ANIMAL PIT

OK

D. USED BATTERY SKID

N/A

E. TREE LIMB/PALLETS

OK

SPECIFY RECOMMENDED REPAIRS AND/OR LIST ACTIONS TAKEN:

moved into New Shop + Everything is working  
well.

IRON COUNTY LANDFILL  
INSPECTION FORM

PERFORMED BY: Alk Wash

DATE: 2-13-08

		OVERALL CONDITION	
		SATISFACTORY	NEEDS WORK
1.	STRUCTURES AND ROADS		
	1. BUILDINGS	<u>✓</u>	
	2. FENCES	<u>✓</u>	
	3. GATES	<u>✓</u>	
	4. ROADS	<u>✓</u>	

SPECIFY RECOMMENDED REPAIRS AND/OR LIST ACTIONS TAKEN:

2.	OPERATIONS	<u>OK</u>	
	1. LITTER AND WEED	<u>OK</u>	
	2. EXCAVATIONS	<u>OK</u>	
	3. DAILY COVER	<u>OK</u>	
	4. FINAL COVER	<u>N/A</u>	
	5. SEGREGATED WASTE		
	A. SCRAP METAL	<u>OK</u>	
	B. APPLIANCES	<u>OK</u>	
	C. DEAD ANIMAL PIT	<u>N/A</u>	
	D. USED BATTERY SKID	<u>N/A</u>	
	E. TREE LIMB/PALLETS	<u>OK</u>	

SPECIFY RECOMMENDED REPAIRS AND/OR LIST ACTIONS TAKEN:

IRON COUNTY LANDFILL  
INSPECTION FORM

PERFORMED BY:

Alan W. Wall

DATE:

4-23-08

OVERALL CONDITION	
SATISFACTORY	NEEDS WORK

1. STRUCTURES AND ROADS

1. BUILDINGS

OK

2. FENCES

OK

3. GATES

OK

4. ROADS

OK

SPECIFY RECOMMENDED REPAIRS AND/OR LIST ACTIONS TAKEN:

2. OPERATIONS

1. LITTER AND WEED

OK

2. EXCAVATIONS

OK

3. DAILY COVER

OK

4. FINAL COVER

OK

5. SEGREGATED WASTE

A. SCRAP METAL

OK

B. APPLIANCES

OK

C. DEAD ANIMAL PIT

N/A

D. USED BATTERY SKID

N/A

E. TREE LIMB/PALLETS

OK

SPECIFY RECOMMENDED REPAIRS AND/OR LIST ACTIONS TAKEN:

IRON COUNTY LANDFILL  
INSPECTION FORM

PERFORMED BY: Ala. Woods

DATE: 7-17-08

OVERALL CONDITION  
SATISFACTORY NEEDS WORK

1. STRUCTURES AND ROADS  
1. BUILDINGS

OK

2. FENCES

OK

3. GATES

OK

4. ROADS

OK

SPECIFY RECOMMENDED REPAIRS AND/OR LIST ACTIONS TAKEN:

2. OPERATIONS  
1. LITTER AND WEED

OK

2. EXCAVATIONS

OK

3. DAILY COVER

OK

4. FINAL COVER

OK

5. SEGREGATED WASTE

A. SCRAP METAL

OK

B. APPLIANCES

OK

C. DEAD ANIMAL PIT

None

D. USED BATTERY SKID

None

E. TREE LIMB/PALLETS

OK

SPECIFY RECOMMENDED REPAIRS AND/OR LIST ACTIONS TAKEN: